

## SG-IR940-2K

### - 2000m Distance 940nm Infrared Laser Illuminator Module



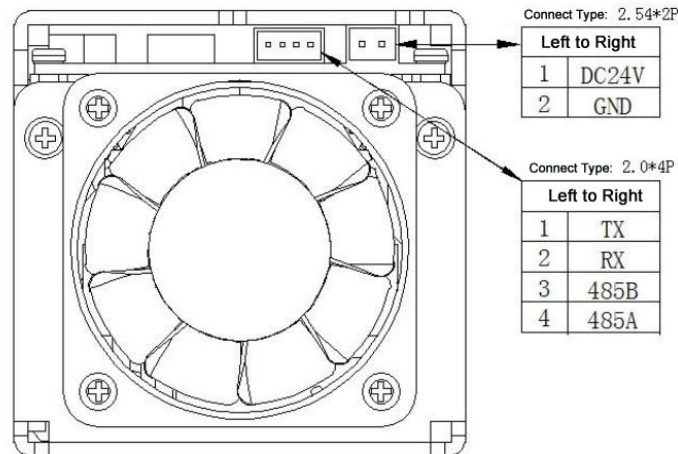
#### 1. Features

- > Intelligent auto-dimming, Smart match, Hot-swappable.
- > -35°C low temperature cold starting.
- > Fiber Coupling Edge Emitting Laser (EEL).
- > Synchronized zoom with Savgood visible camera.
- > Clear picture and spot boundary.

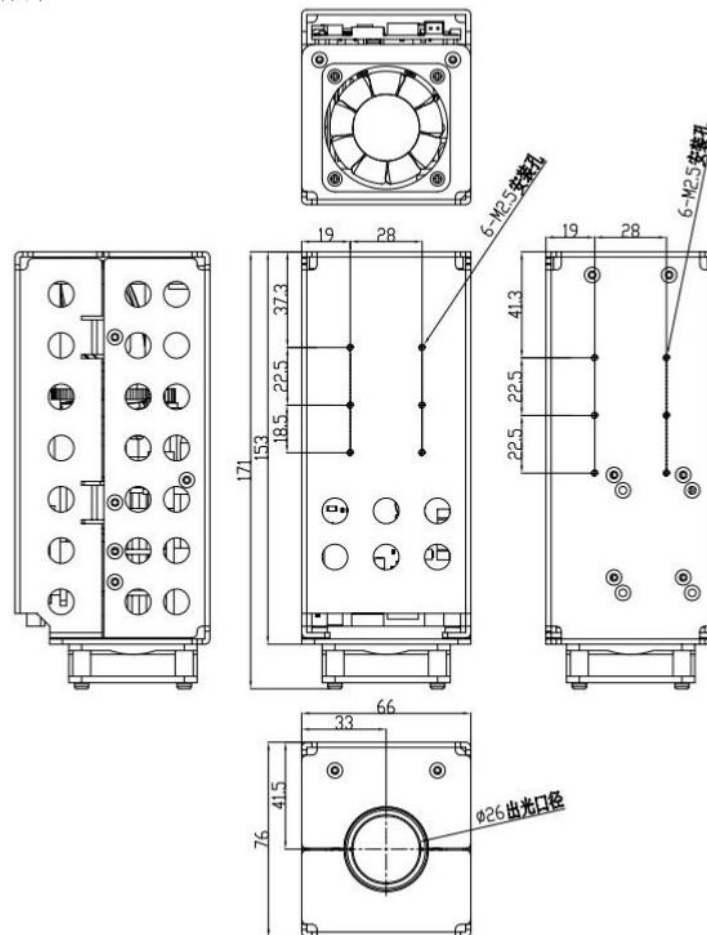
#### 2. Specification

Model	SG-IR940-2K
Effective Distance	≥2000m
Mode	Fiber Coupling EEL (Edge Emitting Laser)
Wavelength	940±5nm
Input Power	≤40W
Laser Chip Power	14W
Output Light Power	≥12W
Laser Beam Angle	Far Angle 0.8°, Effective Distance>2000m, Beam Spot Diameter < φ28m Near Angle 70°, Effective Distance>40m, Beam Spot Diameter < φ56m
Control Mode	UART_TTL, RS-485, Manual
Communication Interface	RS-485, TTL232, Manual Control
Communication Protocol	Pelco-D (9600bps)
Working Mode	Continues
Service Life	> 20000H
Input Power	DC24V±10%, 1.4A±0.2A
Operation Temperature	-35°C~+55°C
Storage Temperature	-40°C~+85°C
Dimension	171mm*66mm*76mm
Weight	650g

### 3. Interface Definition:



### 4. Dimension:



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\*Design and specifications are subject to change without prior notification.  
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